

Creo Element

螺旋掃描

國立陽明大學 生物醫學工程學系
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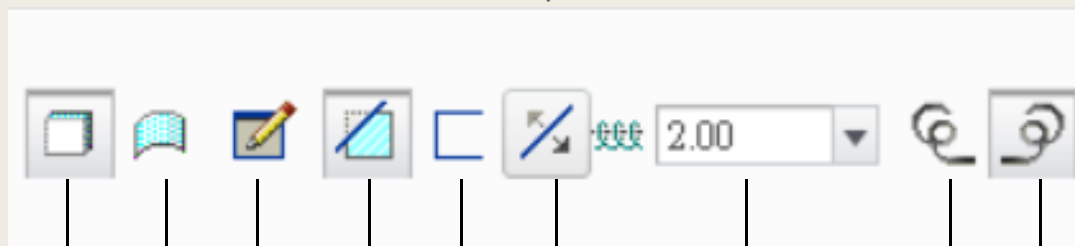
- Screw thread

- Spring



螺旋掃描

■ 數位板設定



掃描為實體

掃描為曲面

掃描截面繪製

移除材料

薄片特徵

變更方向

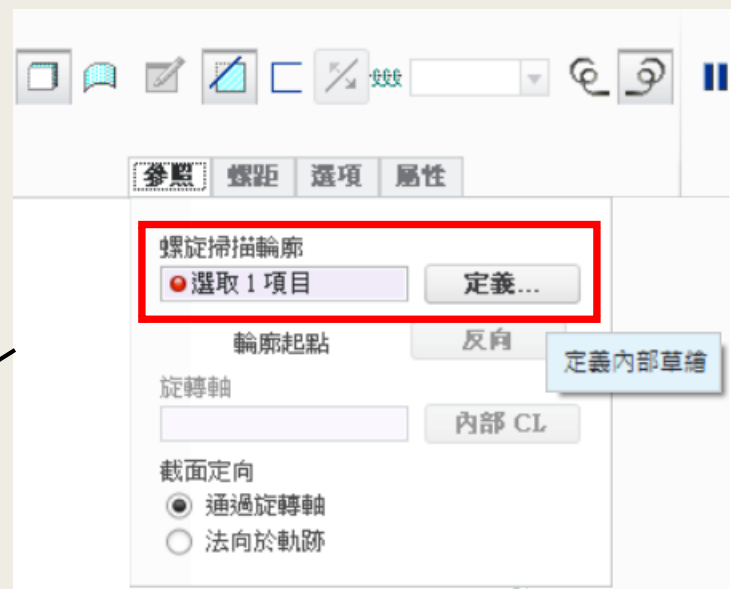
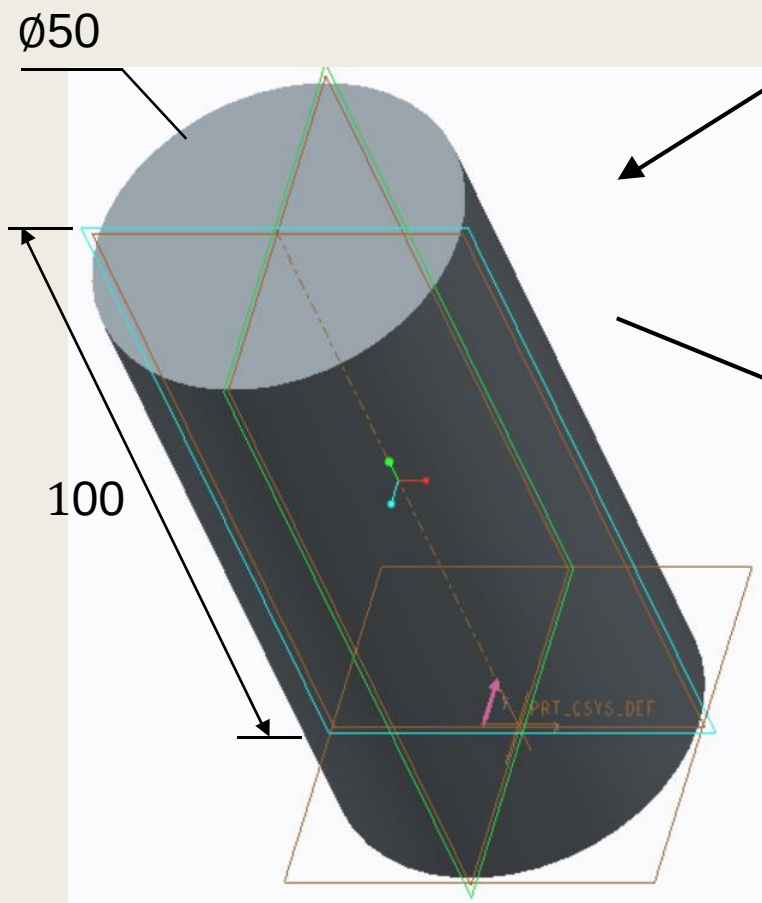
螺距設定
Pitch

左手定則

右手定則

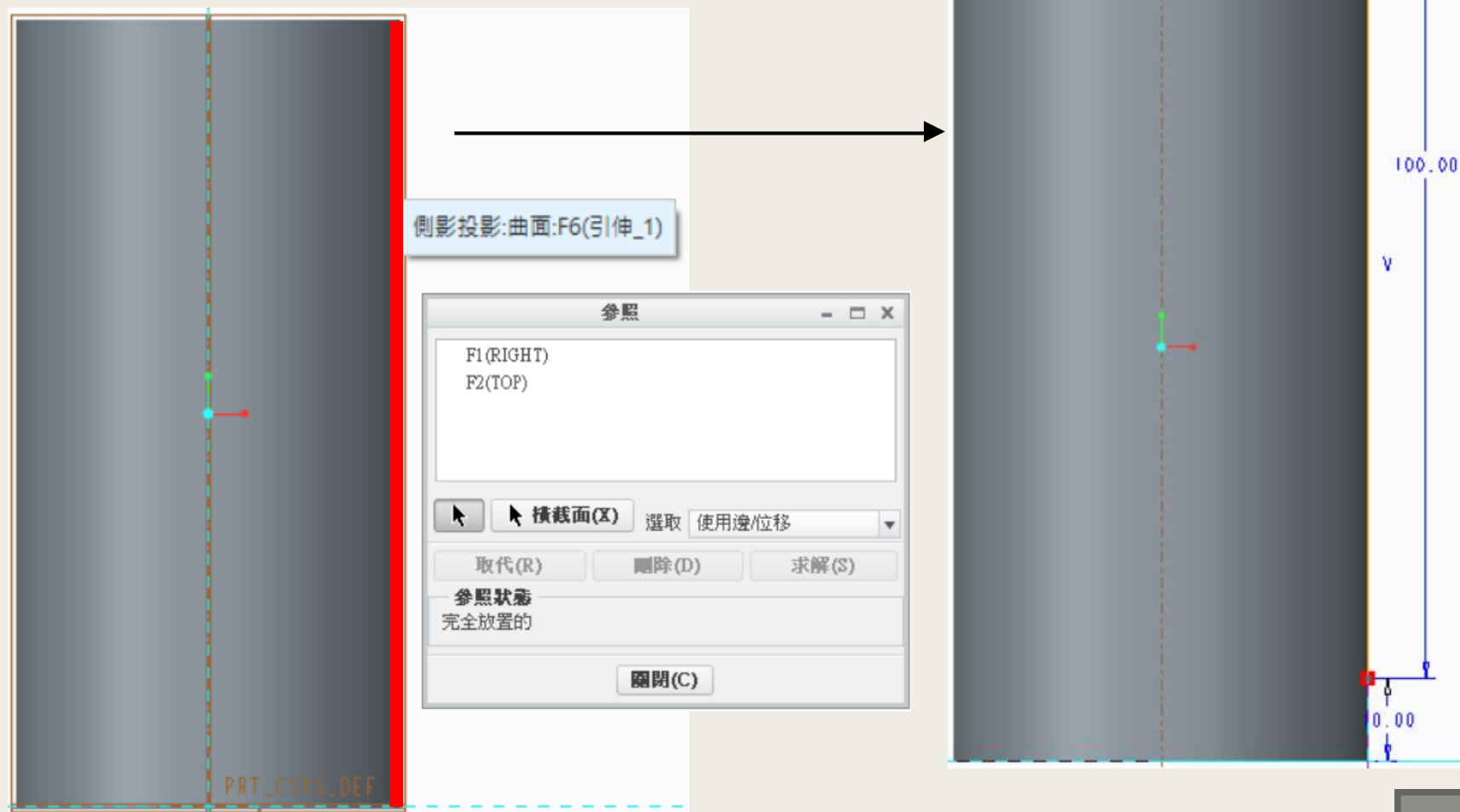
螺旋掃描

■ 螺旋掃描→參照→輪廓定義



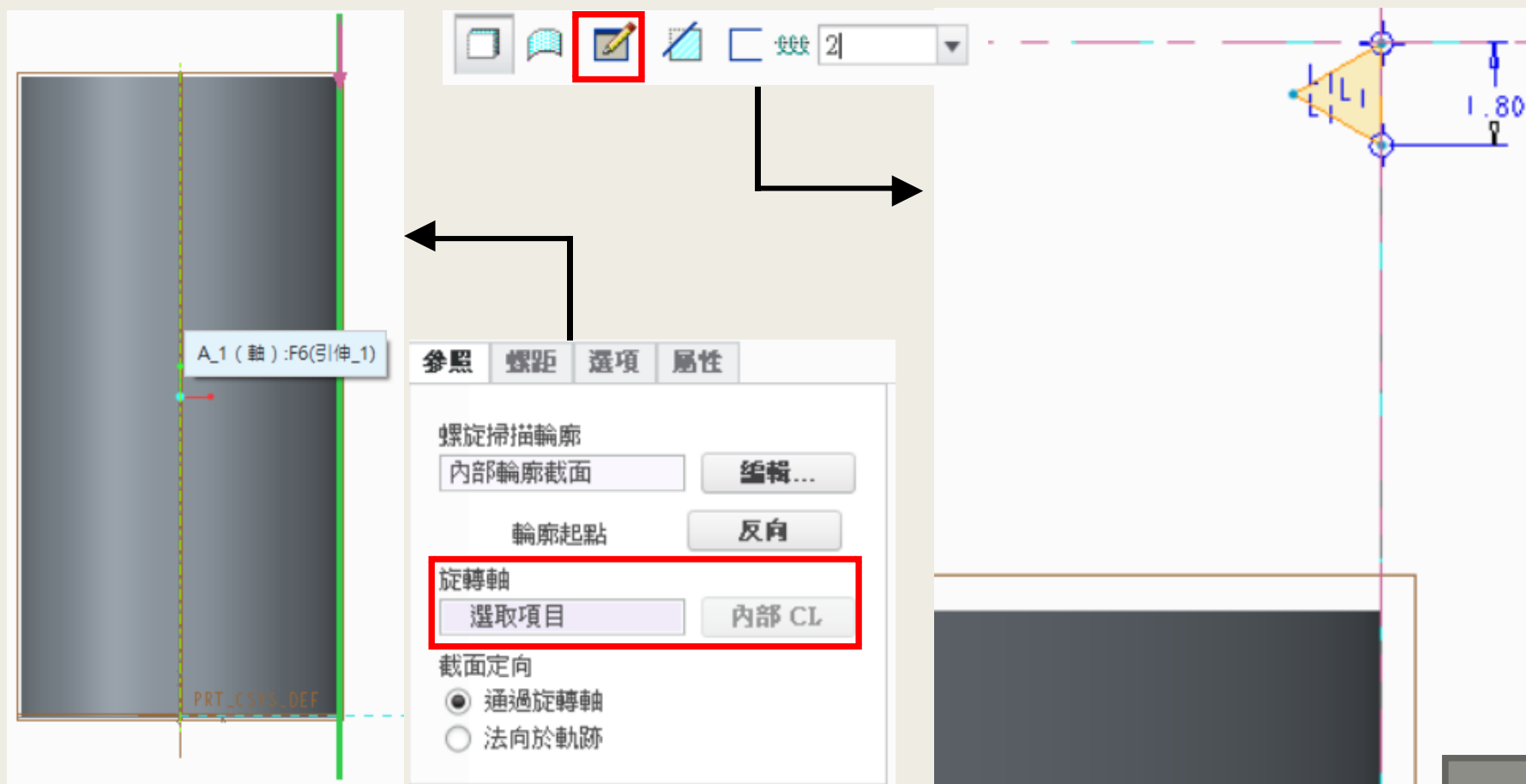
螺旋掃描

- 右鍵→參照→繪製輪廓定義線



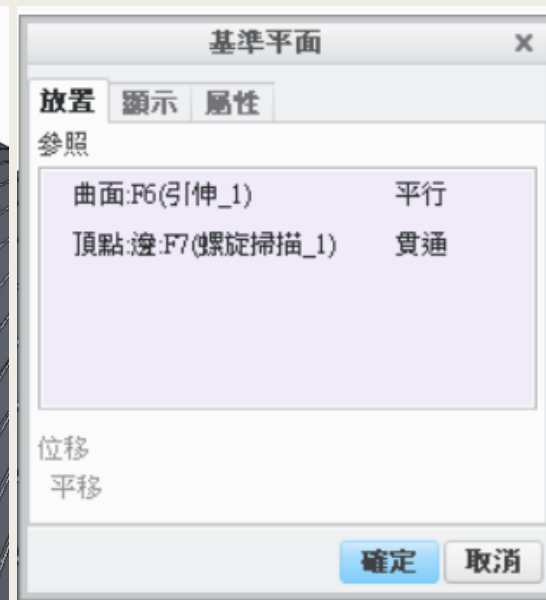
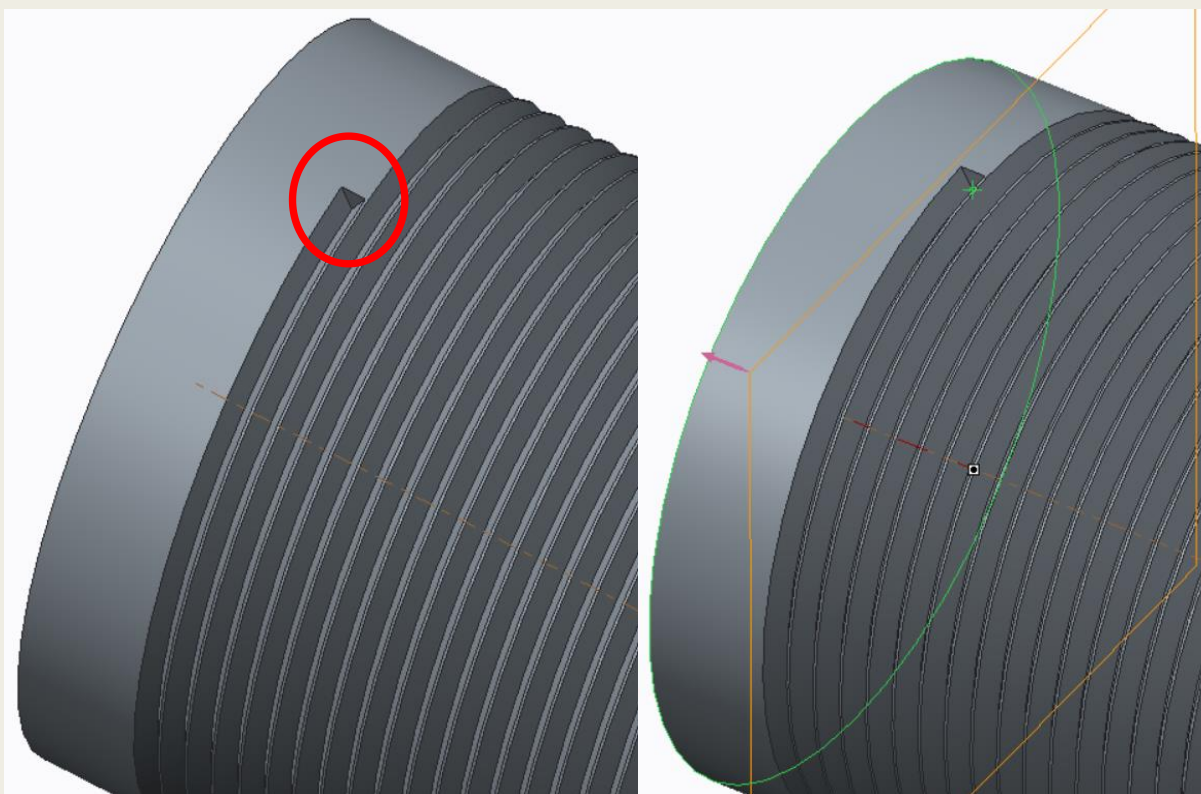
螺旋掃描

- 定義旋轉軸→建立掃描截面→設定螺距



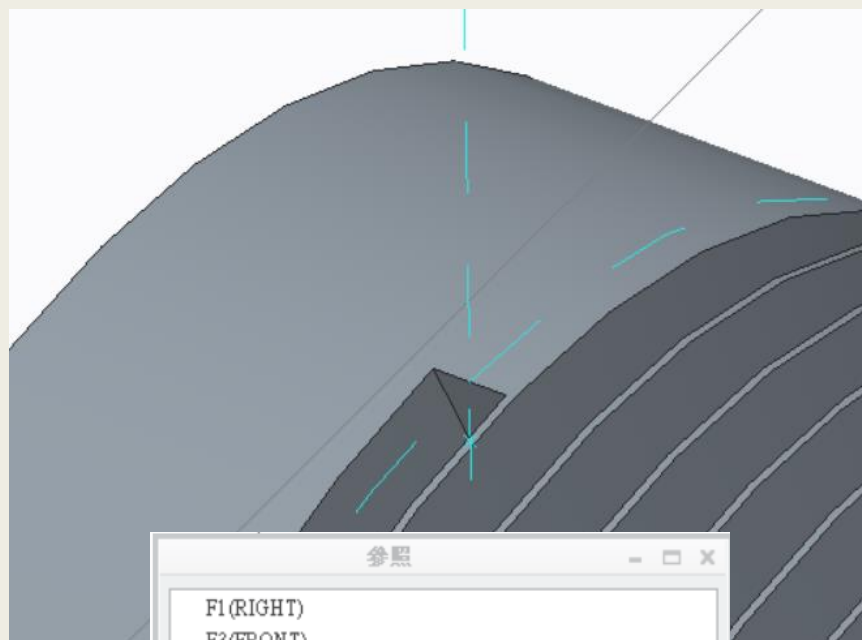
螺旋掃描

■ 螺紋收尾: 建立參照平面

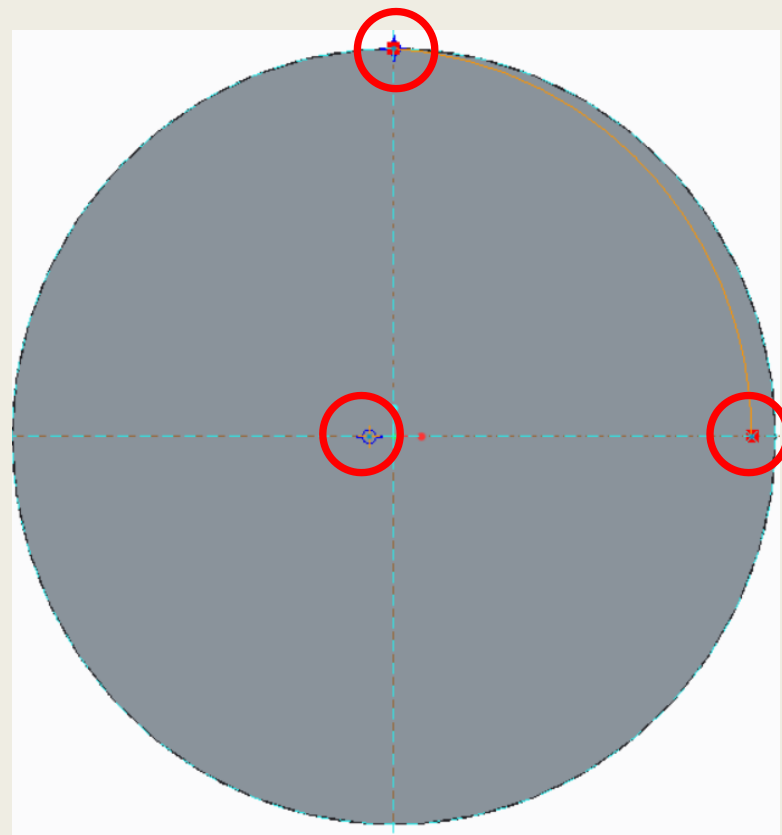


螺旋掃描

- 新平面繪製草圖→參照→繪製曲線

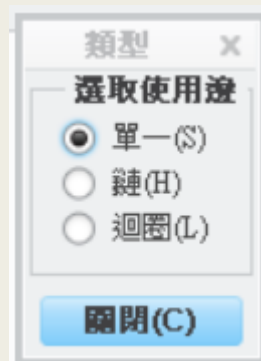
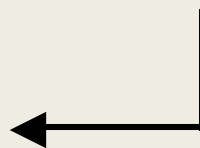
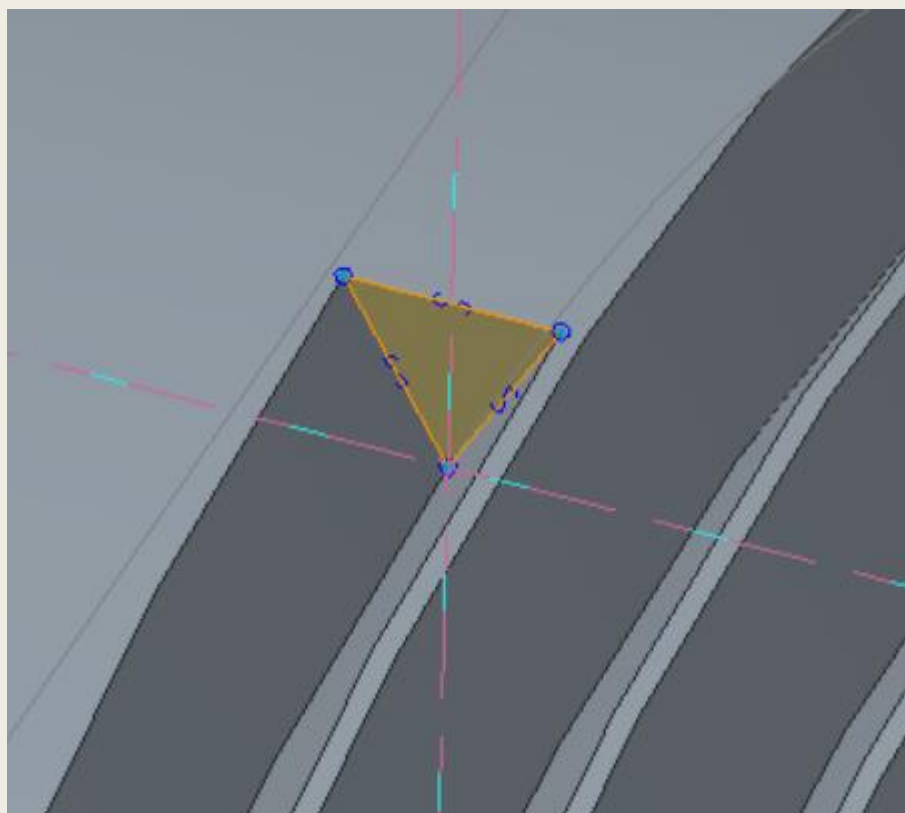


限制條件:重合



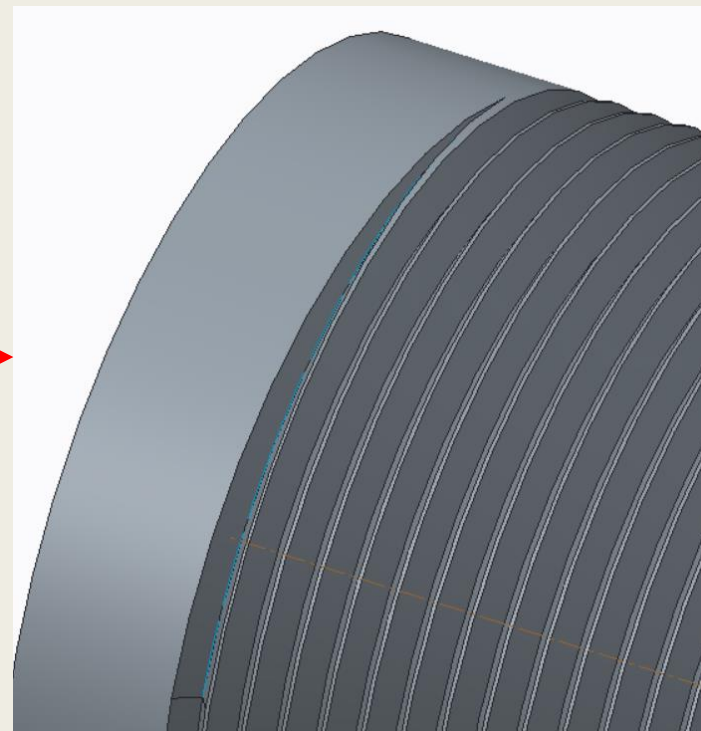
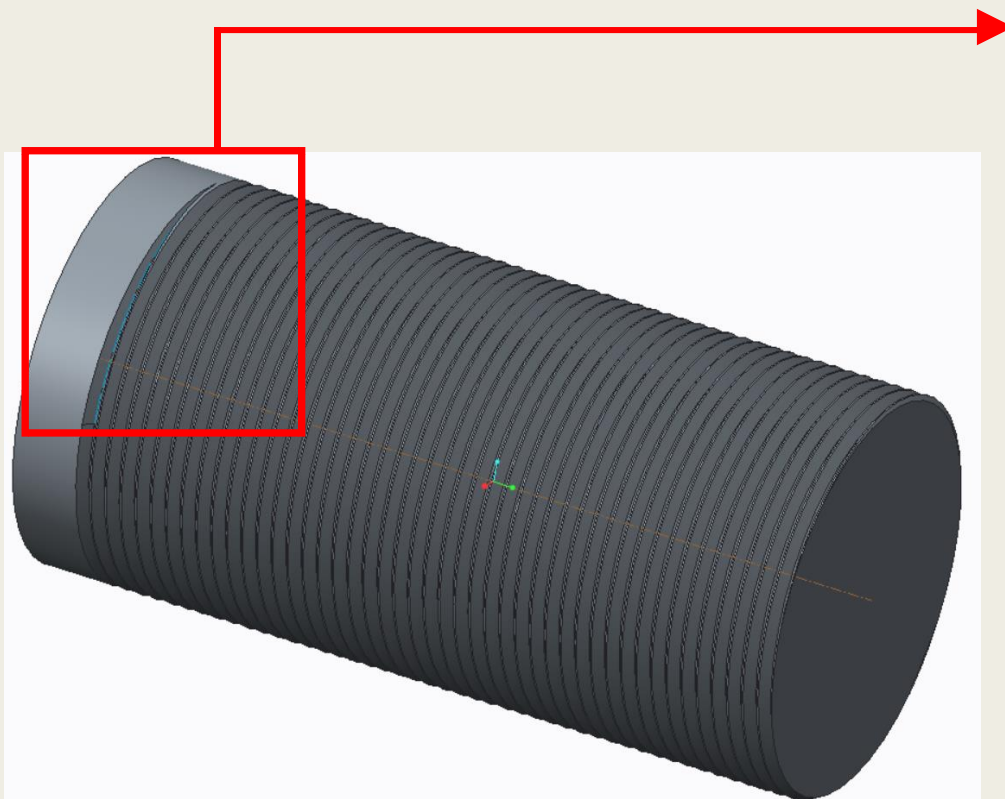
螺旋掃描

■ 掃描→繪製截面→投影三角形



螺旋掃描

■ 完成螺紋繪製



螺旋掃描

■ EX-1

